

FORENSIC BIOLOGY EVIDENCE AND CASE MANAGEMENT MANUAL

Abbreviations		
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Abbreviations

The following are the commonly used abbreviations in the Department. While these abbreviations are typically used as suffixes within sample identifiers, they may be used independently in case notes as well.

Abbreviation	Description
, #	STR rerun due to poor/no size standard
, 1/10 dil	STR rerun at 1/10 dilution
, confirm OL	STR rerun to confirm off-ladder allele
0.0000001	1/10,000,000 Dilution
0.000001	1/1,000,000 Dilution
0.00001	1/100,000 Dilution
0.0001	1/10,000 dilution
0.000167	1/6000 Dilution
0.00025	1/4000 Dilution
0.0003	1/3000 Dilution
0.0004	1/2500 Dilution
0.0005	1/2000 Dilution
0.001	1/1000 Dilution
0.0025	1/400 Dilution
0.005	1/200 Dilution
0.008	1/125 Dilution
0.01	1/100 Dilution
0.015625	1/64 Dilution
0.02	1/50 Dilution
0.03125	1/32 Dilution
0.04	1/25 Dilution
0.05	1/20 Dilution
0.0625	1/16 Dilution
0.1	1/10 Dilution
0.1 a	1/10 dilution for sample a replicate
0.1 b	1/10 dilution for sample b replicate
0.125	1/8 Dilution
0.166	1/6 Dilution

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Abbreviation	Description
0.2	1/5 Dilution
0.25	1/4 dilution
0.5	1/2 Dilution
0.78	Suffix used for QA sensitivity test
1X	Not diluted
1	Sequential number identifier
10	Sequential number identifier
11	Sequential number identifier
12	Sequential number identifier
125	Suffix used for QA sensitivity test
13	Sequential number identifier
14	Sequential number identifier
15	Sequential number identifier
150	Suffix used for QA sensitivity test
16	Sequential number identifier
17	Sequential number identifier
18	Sequential number identifier
19	Sequential number identifier
1a	Sequential number identifier for sample a replicate
1b	Sequential number identifier for sample b replicate
1c	Sequential number identifier for sample c replicate
1H	Sequential number identifier for high dilution
2	Sequential number identifier
20	Sequential number identifier
21	Sequential number identifier
22	Sequential number identifier
23	Sequential number identifier
24	Sequential number identifier
25	Sequential number identifier
25	Suffix used for QA sensitivity test
26	Sequential number identifier
27	Sequential number identifier
28	Sequential number identifier
29	Sequential number identifier
2a	Sequential number identifier for sample a replicate

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Abbreviation	Description
2b	Sequential number identifier for sample b replicate
2c	Sequential number identifier for sample c replicate
2H	Sequential number identifier for high dilution
3	Sequential number identifier
30	Sequential number identifier
31	Sequential number identifier
32	Sequential number identifier
33	Sequential number identifier
34	Sequential number identifier
35	Sequential number identifier
36	Sequential number identifier
37	Sequential number identifier
38	Sequential number identifier
39	Sequential number identifier
3H	Sequential number identifier for high dilution
4	Sequential number identifier
40	Sequential number identifier
41	Sequential number identifier
42	Sequential number identifier
43	Sequential number identifier
44	Sequential number identifier
45	Sequential number identifier
46	Sequential number identifier
47	Sequential number identifier
48	Sequential number identifier
4H	Sequential number identifier for high dilution
5	Sequential number identifier
50	Suffix used for QA sensitivity test
5H	Sequential number identifier for high dilution
5X	1/5 Dilution
6	Sequential number identifier
6.25	Suffix used for QA sensitivity test
6H	Sequential number identifier for high dilution
7	Sequential number identifier
8	Sequential number identifier

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Abbreviation	Description
9	Sequential number identifier
10X	1/10 Dilution
20X	1/20 Dilution
a	Sample a
a low	Sample a replicate amplified at a lower than optimal DNA amount
abc	Pooled comparison samples
aH	Sample a replicate at a high dilution for STR plates
ALBU	Albumin, a blood protein
AM	Bottle mouth swabs/samples with possible saliva suffix
Amp	Amplification
Amp Neg	Amplification Negative Control
Amp Pos	Amplification Positive Control
Amy	Amylase
AMY1	Amylase 1, a saliva protein
AS	Anal swabs (or smears)
b	Sample b
b low	Sample b replicate amplified at a lower than optimal DNA amount
bH	Sample b replicate at a high dilution for STR plates
BL	Bloodstain suffix
B3AT	Band 3 anion transport protein, a blood protein
BF	Body fluid
BL	Blood
c	Sample c
c low	Sample c replicate amplified at a lower than optimal DNA amount
CB	Cigarette Butt suffix
cH	Sample c replicate at a high dilution for STR plates
cond	Conditioned for STRMix
CPA	Control's Peak Area
CS	Cervical swabs (or smears)
CYTT	Cystatin SA, a saliva protein
DS	Dried Secretion swab(s)
dup	Sample duplication
dup hi	Duplicate amplification at higher than optimal DNA amount
dup hr	Duplicate amplification at higher than "hi" DNA amount
dup reamp	Sample duplication reamplification

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Abbreviation	Description
dup_recut	Duplicate of a recut sample
dup_rerun	Sample duplication rerun
EC(F1)	Epithelial Cell Fraction (Fraction 1)
E Neg (or Eneg)	Extraction Negative Control
EPos SA	Extraction Positive for Saliva (Molecular Serology)
EPos SE	Extraction Positive for Semen (Molecular Serology)
EPos BL	Extraction Positive for Blood (Molecular Serology)
EX	Extraction Tube
FA	Formic Acid
FIS	Fragment Ion Ratio Score
FN	Fingernail suffix
FRS	Family reference sample
GS	Gun Swab
F1(EC)	Fraction 1 (Epithelial Cell Fraction)
F2(SF)	Fraction 2 (Sperm Cell Fraction)
HBA	Hemoglobin subunit alpha, a blood protein
HBB	Hemoglobin subunit beta, a blood protein
hi	Amplified with higher than optimal DNA amount
HIS1	Histatin 1, a saliva protein
Hr	Amplified with higher than the "hi" DNA amount
Ht	Amplified with the maximum DNA amount
ILS	Internal Lane Standard
INC	The most likely DNA profile of the DNA donor could not be determined at this locus
KLK3	kallikrein-3 (aka prostate specific antigen), a semen protein
KM	Kastle Meyer (presumptive test)
lo	Amplified with lower than optimal DNA amount
LEG1H	LEG1 homolog a saliva protein
lwr	Amplified with lower than the "lo" DNA amount
max	Amplified with the maximum DNA amount
mcon	Microcon
mcon1	Microcon 1
mcon2	Microcon 2
MSDA	Molecular Serology Data Analysis
nd or ND	No duplication of sample needed

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Abbreviation	Description
neat or N	Neat (no dilution)
NTC	Non Template Control
OB	Out of Bin STR peak
OL	Off Ladder STR peak
opt	Amplified with the optimal DNA amount
OS	Oral swabs (or smears)
PA	Perianal swabs (or smears)
PAA	Perianal / anal swabs (or smears)
PE	Positive External Control
POC	Product of conception
PS	Penile swabs (or smears)
PT	Touched items swabbed by NYPD suffix
R	Remains from Extraction
reamp	Re-amplification
reamp_hi	Reamplification at higher than optimal DNA amount
reamp_Hr	Reamplification at higher than "hi" DNA amount
reamp_Ht	Reamplification at highest DNA amount
reamp_lo	Reamplification at lower than optimal DNA amount
reamp_opt	Reamplification at optimal DNA amount
reamp2	2nd Re-amplification
reamp2_hi	2nd reamplification at higher than optimal DNA amount
reamp2_lo	2nd reamplification at lower than optimal DNA amount
reamp2_opt	2nd reamplification at optimal DNA amount
reamp3	3rd Re-amplification
recut	Recut
recut2	2nd Recut
recut3	3rd Recut
reinj	Reinjection
rep	for a replicate amplified at optimum (or less) DNA
rerun	Rerun
rerun 0.05	Rerun at 1/20 dilution
rerun 0.1	Rerun at 1/10 dilution
rerun 0.2	Rerun at 1/5 dilution
rerun_hi	Rerun at high parameter
rerun2	2nd rerun

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Abbreviation	Description
rerun3	3rd rerun
RTCV	Retention time concordance CV
S	Scrapings suffix
S(2)	Scrapings suffix resubmission
SA	Saliva
SE	Semen
SEMG1	Semenogelin 1, a semen protein
SEMG2	Semenogelin 2, a semen protein
SF(F2)	Sperm Cell Fraction (Fraction 2)
SM	STRmix
SPA	Sample's Peak Area
SPA-CPA	Sample fold change (Sample Peak Area – Control Peak Area)
SS	Size Standard
ST	Sample to be screened for Male DNA on non-male screening or non-differential extraction
SUR	Substrate Remains Fraction
SW	Items swabbed
SWR	Swab Remains Fraction or Substrate Remains Fraction
T	Touched items swabbed by OCME suffix
UHR	Unidentified human remains
UW	Underwear
VS	Vaginal swabs (or smears)
VU	Vulvar swabs (or smears)
XIC	Extracted Ion Chromatograms
Y	Y-STR suffix
YF	Yfiler
Z	Another allele may be present at this locus
ZZ	The STRmix designation which is equivalent to INC (see INC for definition)

For additional abbreviations used on STR test batches please reference the [ReRun Codes Manual](#)

For additional abbreviation used on CODIS sheets please reference the [CODIS Profile Management Manual](#)

For definitions of terms used in the case report please reference the DCJS website (<http://www.criminaljustice.ny.gov>).

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